

## **Historic, Archive Document**

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23733

Ohio Agricultural Experiment Station  
DEPARTMENT OF FORESTRY  
In Cooperation With  
U. S. Department of Agriculture - Forest Service  
CENTRAL STATES FOREST EXPERIMENT STATION

Technical Note 25

January 15, 1941

LOCAL VOLUME TABLE<sup>1/</sup>

for

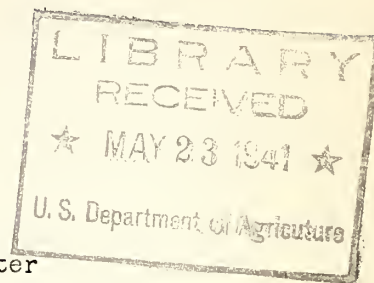
EASTERN WHITE PINE

(Pinus strobus)

in Holmes County, Ohio

INTERNATIONAL Rule ( $\frac{1}{4}$ " kerf)

Merchantable Stem to a Variable Top Diameter



Diameter breast high outside bark (Inches)	Volume per tree	Average merchant- able length	Basis in trees
	Board feet	Feet	Number
7	3	12.5	4
8	17	18	3
9	34	27	5
10	50	34.5	6
11	71	39.5	7
12	94	44	5
13	122	48	6
14	151	51.5	5
15	185	54.5	5
16	222	57	7
17	259	59.5	5
18	299	62	4
19	340	64	6
20	381	65.5	4
21	424	66.5	8
22	468	67.5	5
23	514	68	5
24	562	68.5	3
25	611	69	1
26	662	69	1
27	714	69	-
28	769	69	1

(1) Trees climbed and measured by personnel of Work Projects Administration Official Project 65-1-42-166 - "the Ohio Woodland Survey." Measurements taken at 12-foot log lengths above a 1.0-foot stump height. Scaled as 12-foot logs, and additional shorter top logs; top sections less than 8 feet in length scaled as fractions of an 8-foot log. Basis, 96 trees.

Table prepared, in 1941, by curving volume of merchantable length over d.b.h.

Aggregate difference: table is 0.51% low. Average percentage deviation of basic data from table, 14.3%.

J. Richard Crammer  
L. F. Kellogg

